

MATERIAL SAFETY DATA SHEET

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 15451

Version Date: 09/06/02

Product Name: BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Product Use: Tire dressing

Synonyms: 22145, 22145D, 22036TWN, 22145PDQ

Company Information

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4427
USA

Phone Numbers

Medical Emergency: 1-800-546-6040

Transportation Emergency (USA): 1-800-424-9300

Transportation Emergency (International):

1-703-527-3887(Call collect)

MSDS Assistance: 1-800-546-6227

Fax On Demand: 1-800-546-6227

Technical Assistance: 1-800-416-1600

Customer Service: Not applicable

Fax Number: 713-217-3181

Internet Address: www.MSDS.PZLQS.com

2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
SILICONE EMULSION	MIXTURE	35 - 55	No
WATER	7732-18-5	40 - 60	No
SURFACTANTS	MIXTURE	< 5	No
PROPANE	74-98-6	5 - 15	Yes
BUTANE	106-97-8	5 - 15	Yes

This product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazards:

Flammable/Combustible - Acute Toxin - Chronic Toxin - Carcinogen -
Pressure X Reactive - Exposure Limit X Target Organ - Other -

Other: No information available

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview

WARNING: CONTENTS UNDER PRESSURE.

KEEP AWAY FROM HEAT, SPARKS, AND FLAME.

DO NOT EXPOSE TO DIRECT HEAT OR TEMPERATURES ABOVE 120F.

NFPA Ratings: Health 1 Flammability 2 Reactivity 0

Primary Route of Exposure: Skin X Inhalation X Eye -

Health Effect Information

Eye Contact: Avoid eye contact. This product has not been tested for acute eye hazards. May be irritating to the eyes upon direct contact. Exposure to mists and vapors may be irritating to the eyes. These effects are transient, and complete recovery follows.

Skin Contact: Single, short exposures, as expected with consumer use of this product, are expected to be practically non-irritating to the skin. Avoid prolonged and repeated skin contact. Prolonged or repeated skin contact may result in dryness, chapping, and reddening.

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 2 of 7

Inhalation: This product is not expected to pose an inhalation hazard under conditions of foreseeable use. This product may be considered a low health hazard unless inhaled in very high concentrations. Exposure to vapors generated under unusual conditions may be mildly irritating to the nose and throat. Acute and chronic overexposures may be irritating to the respiratory tract.

Ingestion: Not applicable by this route of exposure. Ingestion is unlikely for aerosol products.

Medical Conditions Aggravated by Exposure: Drying and chapping may make the skin more susceptible to other irritants, sensitizers and disease.

Other: No information available

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes or until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention. Use a hand or skin lotion to prevent dryness.

Inhalation: If victim exhibits signs of vapor intoxication remove to fresh air.

Ingestion: Ingestion is unlikely for aerosol products. Accidental spraying into the mouth will not result in any harmful effects. No treatment is necessary under ordinary circumstances.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point (aerosol concentrate): >199.9 F, >93.3 C **Test Method:** ASTM D 3828-81-Setaflash

Flame Extension: 0", no flashback

Test Method: CPSC 1500.45

Flammable Limits in Air

Upper Percent: 9.5%

Lower Percent: 1.9%

Autoignition Temperature: No data available

Test Method: No information available

NFPA Classification: Water-based product - not applicable

Extinguishing Media: Use water spray (fog), dry chemical, foam, or carbon dioxide.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Container may rupture if exposed to heat. Use water to keep fire exposed containers cool and to protect personnel during shutoff.

Unusual Fire and Explosion Conditions: Aerosol cans may rupture when heated. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn even after container is empty.

Hazardous Combustion By-Products: Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 3 of 7

Other: No information available

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Provide adequate ventilation to remove vapors and mists. Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary. Flush area with water to dilute.

Other: No information available

7. HANDLING AND STORAGE INFORMATION

Handling: Contents under pressure and can explode when exposed to heat or open flame. Caution!--Do not puncture or incinerate.

Storage: Do not store at temperatures greater than 120 F.

Empty Container Warnings

Drums: Not applicable

Plastic: Not applicable

Other: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
PROPANE	74-98-6	OSHA - PEL: TWA 1000 ppm
BUTANE	106-97-8	ACGIH - TLV: TWA 800 ppm

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be sprayed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: Skin protection is not required under conditions of normal use. Launder soiled clothes.

Respiratory Protection: Respiratory protection is not required under conditions of normal use. See Section 3, Health Effect Information, Inhalation.

Personal Hygiene: Consumption of food and beverage should be avoided in work areas where this product is present. Always wash hands and face with soap and water before eating, drinking, or smoking.

Engineering Controls / Work Practices

Ventilation: General room ventilation is normally sufficient to prevent buildup of hazardous concentrations. Providing adequate ventilation to keep exposure levels below the permissible exposure limits or flammability limits will prevent any physiological effects.

Other: No information available

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 4 of 7

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Foam	
Odor: Cherry	Vapor Pressure: No data available
Physical state: Aerosol	Vapor Density (air=1): No data available
pH: Apx 10	Percent Volatile by Volume: No data available
Boiling Point: No data available	Volatile Organic Content: No data available
Melting Point: No data available	Molecular Weight: No data available
Specific Gravity: 0.9	Average Carbon Number: No data available
Pour Point: No data available	Viscosity @ 100 F: No data available
	Viscosity @ 40 C: No data available
Solubility in Water: Completely soluble in water	
Octanol / Water Coefficient: Log K_{ow} = No data available	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

Conditions to Avoid: Keep away from heat, sparks, open flames and other ignition sources.

Incompatible Materials to Avoid: May react with strong oxidizing agents.

Other: No information available

11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: No information available

Primary Skin Irritation: No information available

Acute Dermal Toxicity: No information available

Subacute Dermal Toxicity: No information available

Dermal Sensitization: No information available

Inhalation Toxicity: No information available

Inhalation Sensitization: No information available

Oral Toxicity: No information available

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive and Developmental Toxicity: No information available

Teratogenicity: No information available

Immunotoxicity: No information available

Neurotoxicity: No information available

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 5 of 7

Other: No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No information available

Terrestrial Toxicity: No information available

Chemical Fate and Transport: No information available

Other: No information available

13. DISPOSAL INFORMATION

Regulatory Information: Dispose of residual products and empty containers responsibly.

Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility.

Other: No information available

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not Regulated

Highway / Rail (Non-Bulk): CONSUMER COMMODITY, ORM-D

For US shipments, US DOT law requires the shipper to determine the proper shipping description of the material that is being shipped. The shipping information and description contained in this section may not be suitable for all shipments of this material, but may help the shipper determine the proper shipping description for a particular shipment.

International Information

Vessel:	IMDG Regulated:	<u>X</u>	IMDG Not Regulated:	<u>—</u>
Air:	ICAO Regulated:	<u>X</u>	ICAO Not Regulated:	<u>—</u>

Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

Health & Safety: 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depletors, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

International: 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 6 of 7

State Lists: 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

Inventories: 80 - Canada - Domestic substances, 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA, 85 - China Inventory

Regulatory Search Results:

BUTANE: 15, 17, 22, 23, 50, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85

PROPANE: 15, 16, 17, 22, 23, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85

WATER: 80, 81, 83, 84, 85

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313: Consumer products are not regulated under SARA, Title III, Section 313.

IARC: No information available

SARA 311 / 312 Categories

Acute: X **Chronic:** -- **Fire:** -- **Pressure:** X **Reactive:** --

Not Regulated: --

Canadian WHMIS Classification

Class A - Compressed gas

European Union Classification

Hazard Symbols:

"3" Aerosol

Risk Phrases:

No classification recommended

Safety Phrases:

S2: Keep out of the reach of Children.

S15: Keep away from heat.

Other: No information available

16. OTHER INFORMATION

Health and Environmental Label Language

Front Label:

WARNING: CONTENTS UNDER PRESSURE.

Read carefully other cautions on back.

Back Label:

WARNING: Contains hydrocarbon propellant. Keep away from heat, sparks, and flame.

PRECAUTIONARY MEASURES: Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120F. Use with adequate ventilation. Avoid contact with eyes.

FIRST AID: For eye contact, wash thoroughly with water. If inhaled, breathe fresh air.

KEEP OUT OF REACH OF CHILDREN

MATERIAL SAFETY DATA SHEET

MSDS Number: 15451

BLACK MAGIC® TIRE WET FOAM® (AEROSOL)

Page 7 of 7

MSDS Revisions

Previous Version Date: 09/06/02

Previous Version Information

Section 14 - Transportation Information Revised.

Other

No information available

Prepared By:

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4453 USA

Disclaimer of Warranty: The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, SOPUS Products must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information, the results to be obtained from the use thereof, or that any such use do not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.